

ABSTRACT

An image data correction method and apparatus for a plasma display panel, and
a plasma display panel device having the apparatus. The image data correction method
calculates a load factor of video signals fed into a plasma display panel, and determines
5 an automatic power control level corresponding to the calculated load factor. The
method further involves generating sustain pulse information and the number of
subfields and selecting a correction table corresponding to the number of subfields and
the automatic power control level from the memory. Then, the image data is corrected
with reference to the correction table. By this image data correction, white chromaticity
10 can be maintained constantly while enhancing the color reproducibility of each subfield.

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